

Converting Colors

XYZ(28.4594, 24.4136, 13.5682)

Have a look what the booklet for
XYZ(28.4594, 24.4136, 13.5682)
contains.

XYZ(28.4594, 24.4136, 13.5682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.4594, 24.4136,
13.5682)**

Conversions

Conversions Part 1

Format	Color
Hex	B8785D
RGB	184, 120, 93
RGB Percent	72%, 47%, 36%
CMY	0.2784, 0.5294, 0.6353
CMYK	0.00, 0.35, 0.49, 0.28
HSL	18°, 39%, 54%
HSV	18°, 49%, 72%
XYZ	28.4594, 24.4136, 13.5682
YIQ	136.0580, 46.8110, 5.1710

Conversions

Conversions Part 2

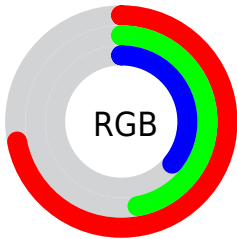
Format	Color
RYB	184, 131, 93
Decimal	12089437
CIELab	56.50, 22.00, 25.10
CIELCh	56, 33.382, 48.763
Yxy	24.4136, 0.4283, 0.3674
Android (android.graphics.Color)	4290279517 (0xFFB8785D)
YUV	136.0580, -21.2276, 42.0451
Hunter-Lab	49.4101, 16.3453, 18.3058

Details

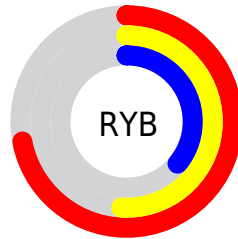
The XYZ color **28.4594, 24.4136, 13.5682** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25.2222, 29.9003, 49.7892**, and the grayscale version is **23.4888, 24.7120, 26.9114**.

A 20% lighter version of the original color is **56.5956, 50.7780, 33.2038**, and **11.6485, 9.2929, 3.7645** is the 20% darker color. If you saturate the color by 10%, you get **26.2880, 21.2219, 9.2959**, and if you desaturate by 10%, it is **31.0384, 28.1068, 18.9442**.

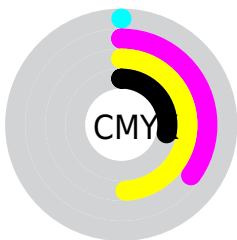
Distribution



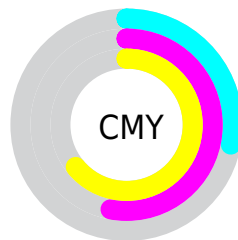
- Red (72%)
- Green (47%)
- Blue (36%)



- Red (72%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (28%)





- Cyan (28%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4594, 24.4136, 13.5682 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.4594, 24.4136, 13.5682 by changing the saturation by 10% instead.


 28.4594, 24.4136,
13.5682


 28.4594, 24.4136,
13.5682


286.6961,
274.9049, 225.8620


 18.8145, 15.6407,
7.6857


 56.6206, 50.7043,
33.0269


 11.6395, 9.2703,
3.8096


 75.8676, 68.9909,
47.4401

 6.5692, 4.9179,
1.5215


 99.0459, 91.2175,
65.5340

 3.2381, 2.1992,
0.2339

 126.5210,
117.7686, 87.7271

 1.2809, 0.7195,
0.0000

158.6583,
149.0284, 114.4379

 0.1688, 0.0000,
0.0000

195.8229,

 0.0000, 0.0000,

185.3815, 146.0849

0.0000

238.3804,
227.2122, 183.0868

■ 28.4594, 24.4136,
13.5682

■ 28.4594, 24.4136,
13.5682

■ 26.2880, 21.2219,
9.2959

■ 31.0384, 28.1068,
18.9442

■ 24.4997, 18.5056,
6.0479

■ 34.0441, 32.3189,
25.4929

■ 23.0700, 16.2415,
3.7359


■ 37.4962, 37.0707,
33.2795


■ 21.9701, 14.4028,
2.2563


■ 41.4129, 42.3809,
42.3637


■ 21.1534, 12.9541,
1.4142


■ 45.8112, 48.2672,
52.8014

 21.1145, 12.8851,
1.3742

 50.7071, 54.7466,
64.6452

 56.1160, 61.8352,
77.9451

 62.0527, 69.5487,
92.7482

 67.9459, 77.6679,
106.0180

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9816, 24.4136, 20.3036



28.4594, 24.4136, 13.5682



24.6838, 24.4136, 10.6875

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.4594, 24.4136, 13.5682



16.6482, 24.4136, 22.6445



25.6794, 24.4136, 52.2759

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.4594, 24.4136, 13.5682



25.2222, 29.9003, 49.7892

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.7853, 24.4136, 53.4198



28.4594, 24.4136, 13.5682



16.8515, 24.4136, 34.0377

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.4594, 24.4136, 13.5682



18.0496, 24.4136, 14.8702



18.6397, 24.4136, 46.0286



29.2576, 24.4136, 43.2367

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.4594, 24.4136, 13.5682



22.0898, 24.4136, 10.6008



18.6397, 24.4136, 46.0286



24.3558, 24.4136, 53.6745

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.4600, 24.4148, 13.5687



70.8536, 71.1236, 66.9603



29.8718, 20.4953, 34.8272



14.9616, 14.9073, 13.7128



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.4600, 24.4148, 13.5687



47.4650, 38.1877, 16.4932



35.0691, 37.6331, 15.7717



9.2160, 9.4350, 9.4423



14.6066, 8.9896, 0.9653



0.5706, 0.4283, 0.0526

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.2222, 29.9003, 49.7892



40.8835, 49.1514, 89.5370



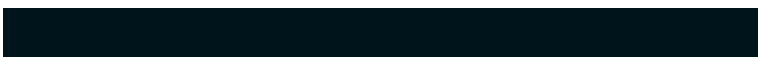
19.0396, 17.5352, 47.7284



9.0356, 9.7484, 11.4848



11.4730, 13.4058, 33.2360



0.4555, 0.5748, 1.1887

Previews

White Background



This preview shows how the XYZ color 28.4594, 24.4136, 13.5682 looks on a white background.

Color Contrast Check

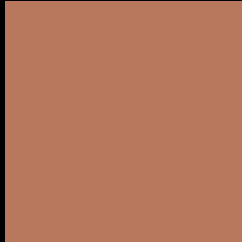
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.4594, 24.4136, 13.5682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4594, 24.4136, 13.5682

Background



This preview shows how black text looks on a background with the XYZ color 28.4594, 24.4136, 13.5682.



This preview shows how white text looks on a background with the XYZ color 28.4594, 24.4136,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.4594, 24.4136, 13.5682

Protanopia

22.9585, 24.6394, 15.6024

Deuteranopia

24.9752, 24.5071, 13.3115



Tritanopia

30.3770, 24.5108, 22.1988

Trichromacy



Original Color

28.4594, 24.4136, 13.5682

Protanomaly

24.6375, 24.3019, 14.7015

Deuteranomaly

26.1872, 24.3523, 13.4455

Tritanomaly

29.5916, 24.3539, 18.7639

Monochromacy



Original Color

28.4594, 24.4136, 13.5682

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5097, 24.0936, 21.1280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4594, 24.4136, 13.5682 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 120, 93)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 120, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.4594, 24.4136, 13.5682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 120, 93) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 120, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 120, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 93);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4594, 24.4136, 13.5682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
120, 93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor